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5,948,525 ZA

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Other, description:

US PATENT

3

Doc Code: Artifact

Artifact Type Code: Z

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,948,525
DATED : September 7, 1999
INVENTOR(S) : Kimura et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21,

Table 2, at "Example 6", please change "90" to -- 95 --.

This certificate supercedes Certificate of Correction issued April 17, 2001.



Attest:

Brenda Moore

Attesting Officer

Signed and Sealed this

Ninth Day of October, 2001

Nicholas P. Godici

NICHOLAS P. GODICI

Acting Director of the United States Patent and Trademark Office

The
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The Commissioner of
Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.

J. Todd Ichni

Acting Commissioner of Patents and Trademarks

Melvinia Gary
Attest



US005948525A

United States Patent [19]**Kimura et al.**[11] **Patent Number:** **5,948,525**[45] **Date of Patent:** **Sep. 7, 1999**[54] **BIAXIALLY STRETCHED POLYESTER FILM FOR FORMING CONTAINER AND METHOD OF PRODUCING THE FILM**[75] **Inventors:** **Masahiro Kimura; Kohzo Takahashi,**
both of Shiga; **Hiroji Kojima,** Osaka;
Koichi Abe, Kyoto, all of Japan[73] **Assignee:** **Toray Industries, Inc.,** Japan[21] **Appl. No.:** **08/983,054**[22] **PCT Filed:** **May 15, 1997**[86] **PCT No.:** **PCT/JP97/01630**§ 371 Date: **Jan. 26, 1998**§ 102(e) Date: **Jan. 26, 1998**[87] **PCT Pub. No.:** **WO97/43332****PCT Pub. Date:** **Nov. 20, 1997**[30] **Foreign Application Priority Data**

May 16, 1996	[JP]	Japan	8-121519
Aug. 29, 1996	[JP]	Japan	8-229018
Feb. 5, 1997	[JP]	Japan	9-022489

[51] **Int. Cl.⁶** **B32B 7/12; C08F 20/00;**
C08G 63/02[52] **U.S. Cl.** **428/339; 528/275; 528/298;**
528/302; 528/308; 528/308.6; 528/502;
525/444; 524/731; 428/35.7; 428/333; 428/338[58] **Field of Search** 528/275, 298,
528/302, 308, 308.6, 502; 525/444; 524/731;
428/35.7, 333, 338, 339[56] **References Cited****U.S. PATENT DOCUMENTS**

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Primary Examiner—Samuel A. Acquah*Attorney, Agent, or Firm*—Austin R. Miller[57] **ABSTRACT**

A biaxially stretched polyester film for forming a container, characterized by being formed of a polyester substantially consisting of an ethylene terephthalate unit and an ethylene naphthalate unit, the refractive index in the direction of thickness of the film being 1.5 or greater. This film is not only excellent in the formability during formation into cans or the like, but has excellent properties in taste property, particularly, the taste property after the retorting, and may be suitably used for containers produced by forming process and, particularly, for metallic cans.

21 Claims, No Drawings